Distributed Mission Training: Technology & Innovation Working Group

Technology Investment Requirements

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Science and Technology for Tomorrow's Air and Space Force

DMT Technology Requirements: Work In Progress

- Develop Technology Investment Strategy (TIS) to support MAJCOM Training Implementation Plans (TIPs)
- Develop near-term plan to harvest “low hanging fruit”
- Develop strategy for evaluating and incorporating technologies in concert with O&I contractor and DWCs

Benefits

- Identifies technical capabilities necessary to fulfill DMT vision
- Identifies funding needed and schedule
  - Focuses govt and industry R&D planning
  - Manages govt and industry expectations

Challenges

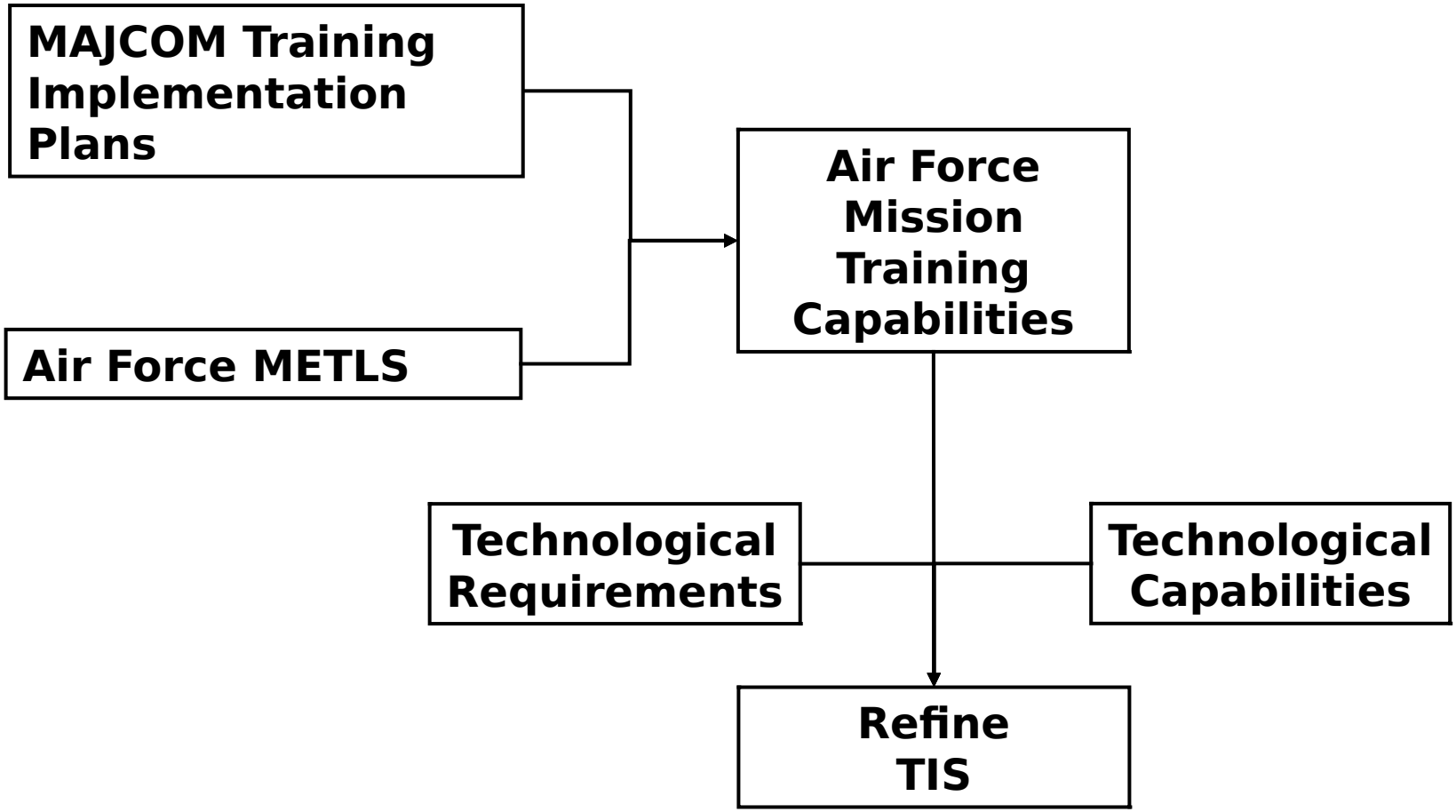
- Short time frame (< 3 mos) to produce TIS to impact 02 POM submission
- MAJCOM plans are fragmented and incomplete
- Detailed training requirements and conops are still evolving
- O&I contract and DWCs are not established

Technology Investment Strategy

DMT Technology Description

Technology Investment Recommendations

TIS Development



DMT High Priority

FY 99	FY 00	FY 01
AC-130U	RC-135 (AIA)	
MC-130H	RC-135 (Ravens)	
E-3 (MSN CREW)		
F-15C		

FY 02	FY 03	FY 04
F-16 (4O)	CV-22	F-16 (40)
A-10	C-130X	
RC-135 (RJ MSN CREW)	STS-CCT	
E-8 (MSN CREW)		
C-130J		

FY 05	FY 06	TBD
	F-22	J SF
		EC-130H (ABCCC MSN CREW)

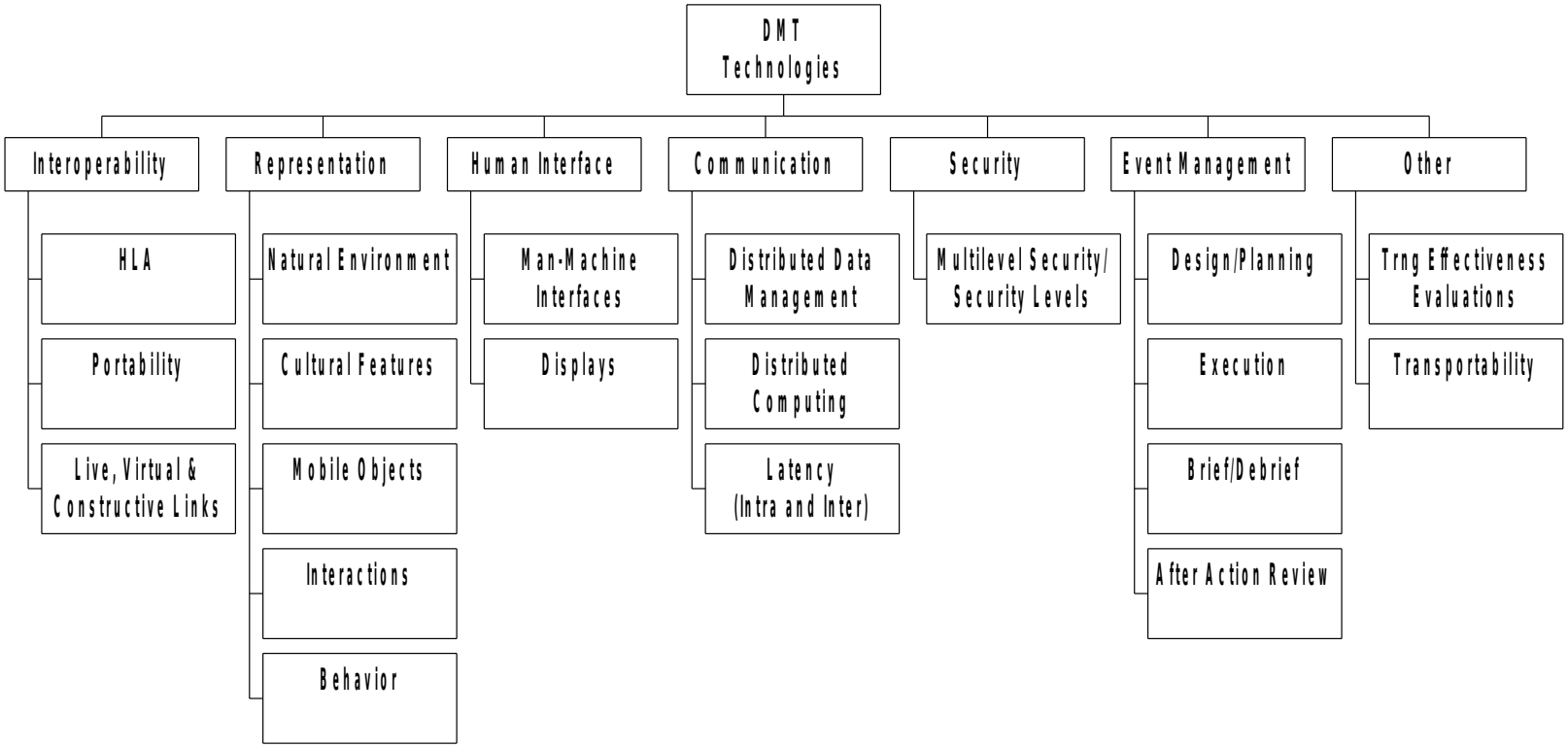
DMT Medium Priority

FY 99	FY 00	FY 01
	C-17	KC-10 (BOT)
	MC-130E	
FY 02	**FY 03**	**FY 04**
B-1	F-16 (30)	B-2
	F-117	
FY 05	**FY 06**	**TBD**
B-52	ABL	MH-53L
EC-130 (CC MSN CREW)		

DMT Low Priority

FY 99	FY 00	FY 01
C-5		
FY 02	**FY 03**	**FY 04**
KC-10 (CKPT)	KC-135	
TBD	**TBD**	**TBD**
ABL	EC-130H (CKPT)	RC-135 (CKPT)
E-3 (CKPT)	HC-130	U-2
E-4 (MSN CREW)	HH-60	EC-130E
E-8 (CKPT)	KC-135	STS-PJ
EC-130E (CKPT)	MH-53M	

DMT Technology Areas



Technology Investment Sheet

AREA:

SUBAREA:

NEED:

OBJECTIVES:

PAYOFFS:

CHALLENGES:

MILESTONES

FY 02	FY03	FY 04	FY 05	FY 06

Funding (Millions)

PE	Project	FY 02	FY 03	FY 04	FY 05	FY 06	Total
	Total						

Current Activities

- Develop representative training missions for DMT based on AF METLs
- Cross-walk representative training missions against Training Implementation Plans and Technology Categories
  - Assess technological strengths/weaknesses
  - Establish recommended priorities